

IN THE CLAIMS:

1 1. (Previously Presented) A deflection yoke of a bend-up-less type comprising a
2 saddle-shaped horizontal deflection coil, a saddle-shaped vertical deflection coil, an insulating
3 frame and a correction coil, the saddle-shaped horizontal deflection coil and the saddle-shaped
4 vertical deflection coil being provided along, respectively, an inner and an outer surface of the
5 insulating frame which insulates the deflection coils, and the correction coil being provided
6 above the outer surface of an electron gun side bend portion of the deflection coils, wherein
7 a setting member is provided integrally formed in a fixed positional relation with
8 respect to the insulating frame on the electron gun side and behind the bend portion of the
9 deflection coils, the setting member being a plate whose wall surface, that faces a screen, is flat,
10 a rear end of the electron gun side bend portion of the vertical deflection coil is
11 positioned adjacent to the screen-facing wall surface of the setting member, and
12 a positioning fixing member for setting the correction coil at a fixed position, the
13 positioning fixing member supports the correction coil and is provided with a mounting member
14 that is freely detachable in relation to the setting member and adjustably movable along the wall
15 surface of the flat plate to a desired corrective position, in front of the wall surface of the setting
16 member which faces the screen and above the outer surface of the electron gun side bend
17 portion.

1 2-3. (Cancelled)

1 4. (Previously Presented) The deflection member yoke of Claim 1 wherein
2 the correction coil has (a) a core whose leg portion points in a direction toward
3 the electron gun side bend portion of the deflection coil, and (b) a bobbin which covers the core
4 and is conductive wire wound therearound; and
5 the positioning fixing member is set at a substantially fixed position in relation to
6 the core.

1 5. (Previously Presented) The deflection yoke of Claim 4 wherein
2 the setting member has a notch, and
3 the positioning fixing member has a claw portion which is interlocked with the
4 notch.

1 6. (Original) The deflection yoke of Claim 5 wherein
2 the setting member has a plate form,
3 the notch is provided on an edge of the setting member, and
4 a portion of the setting member in which the notch is provided is formed so as to
5 have a narrower width than an electron gun side back vicinity of the electron gun side bend
6 portion.

1 7. (Previously Presented) The deflection yoke of Claim 4 wherein
2 the positioning fixing member has a protruding portion which is inserted in an
3 insertion aperture provided in the setting member.

1 8. (Previously Presented) The deflection yoke of Claim 4 wherein
2 the positioning fixing member has a fitting portion which is fitted into a slot
3 provided in the setting member.

1 9. (Previously Presented) The deflection yoke of Claim 4 wherein
2 a flange portion is provided at both ends of the bobbin, an edge of each flange
3 portion contacting the setting member.

1 10. (Original) The deflection yoke of Claim 4 wherein
2 the core is a U-shaped core, both of whose leg portions point in the direction
3 toward the electron gun side bend portion of the deflection coil, and the bobbin covers
4 substantially a center portion of the U-shaped core.

1 11. (Original) The deflection yoke of Claim 4 wherein
2 the core is an E-shaped core, each of whose leg portions points in the direction
3 toward the electron gun side bend portion of the deflection coil, and one bobbin covers each of
4 the leg portions of the E-shaped core.

1 12. (Original) The deflection yoke of Claim 4, wherein
2 the core includes a U-shaped core both of whose leg portions point in the
3 direction toward the electron gun side bend portion of the deflection coil, and an I-shaped core
4 which has one end pointing towards the electron gun side bend portion direction of the deflection
5 coil; and one bobbin covers each of substantially a center portion of the U-shaped core, and the
6 I-shaped core.

1 13-14. (Cancelled)

1 15. (Previously Presented) A color picture tube having (a) an outer envelope
2 composed of a front panel formed with a phosphor screen surface on an inner surface, and a
3 funnel, (b) an electron gun provided in a neck portion of the funnel, and (c) a deflection yoke
4 mounted on an outer surface of the funnel, wherein

5 the deflection yoke of a bend-up-less type comprising a saddle-shaped horizontal
6 deflection coil, a saddle-shaped vertical deflection coil, an insulating frame, and a correction
7 coil, the saddle-shaped horizontal deflection coil and the saddle-shaped vertical deflection coil
8 being provided along, respectively, an inner and an outer surface of the insulating frame which
9 insulates the deflection coils, and the correction coil being provided above the outer surface of an
10 electron gun side bend portion of the deflection coils, wherein

11 a setting member is provided integrally formed in a fixed positional relation with
12 respect to the insulating frame on the electron gun side and behind the bend portion of the
13 deflection coils, the setting member is a plate whose wall surface, that faces the front panel, is
14 flat;

15 a rear end of the electron gun side bend portion of the vertical deflection coil is
16 positioned adjacent to the front panel facing wall surface of the setting member; and

17 a positioning fixing member for setting the correction coil at a position to provide
18 a corrective magnetic field, the positioning fixing member supports the correction coil and is
19 provided with a mounting member that is freely detachable in relation to the setting member and
20 adjustably movable along the wall surface of the flat plate to a desired corrective position, in

21 front of the wall surface of the setting member which faces the front panel and above the outer
22 surface of the electron gun side bend portion.

1 16-17. (Cancelled)

1 18. (Previously Presented) The color picture tube of Claim 15 wherein
2 the correction coil has (a) a core whose leg portion points in a direction toward
3 the electron gun side bend portion of the deflection coil, (b) a bobbin which covers the core and
4 is conductive wire wound therearound; and the positioning fixing member is set at a substantially
5 fixed position in relation to the core.

1 19-20. (Previously Cancelled)

1 21. (Previously Presented) The deflection yoke of Claim 1 wherein
2 the wall surface of the setting member which faces the screen is flat.

1 22. (Previously Presented) The deflection yoke of Claim 11 wherein
2 the setting member has a flat plate form, and is integrally formed with the
3 insulating frame so as to be upright from an electron gun side end of the insulating frame.

1 23. (Previously Presented) The deflection yoke of Claim 1 wherein
2 the positioning fixing member is structured so as to be positioned and fixed to the
3 setting member by gripping the perimeter of the setting member.

1 24. (Previously Presented) The deflection yoke of Claim 23 wherein
2 the positioning fixing member has a structure in which two opposing rod
3 members extend from the correction coil substantially horizontally in opposite directions, a tip of

4 each rod member is bent around the perimeter of the setting member, and an inner surface of the
5 bend hooks to the perimeter of the setting member.

1 25. (Previously Presented) The deflection yoke of Claim 24 wherein
2 a base end of each of the opposing rod members is secured to an end surface of
3 the core of the correction coil, and a tip of each of the opposing rod members extends along a
4 core rod direction.

1 26. (Previously Presented) The deflection yoke of Claim 22, wherein
2 an aperture is formed in the wall surface of the setting member which faces the
3 screen,

4 a latch protrusion which latches into the aperture is provided on the positioning
5 fixing member; and
6 the correction coil is positioned and fixed by inserting the latch protrusion into the
7 aperture.

1 27. (Previously Presented) A method of manufacturing for a deflection yoke of a
2 bend-up-less type comprising a saddle-shaped horizontal deflection coil, a saddle-shaped vertical
3 deflection coil, an insulating frame, and a correction coil, the saddle-shaped horizontal deflection
4 coil and the saddle-shaped vertical deflection coil provided along, respectively, an inner and an
5 outer surface of the insulating frame which insulates the deflection coils, and the correction coil
6 being provided above the outer surface of an electron gun side bend portion of the deflection
7 coils, the method for assembling the deflection yoke comprising the steps of

8 a step for preparing the insulating frame which was integrally formed with a
9 setting member being a plate whose wall surface, that faces a screen, is flat;

10 a step for providing the horizontal deflection coil on the inner surface of the
11 insulating frame,

12 a step for providing the vertical deflection coil on the outer surface of the
13 insulating frame so that a rear end of the electron gun side bend portion of the vertical deflection
14 coil is positioned adjacent to the screen-facing wall surface of the setting member, and

15 a step for setting, after setting the vertical deflection coil, the correction coil to the
16 wall surface of the setting member which faces the screen, and above the outer surface of the
17 electron gun side bend portion, by adjustably moving a positioning fixing member along the wall
18 surface of the flat plate to a desired corrective position.

1 28. (Previously Presented) The method of Claim 27 wherein,
2 in the step for setting the correction coil, the correction coil is placed and set at a
3 predetermined distance from the walls surface of the setting member which faces the screen.